

HOT MELT ADHESIVE COMPOSITION BASED ON A RANDOM
COPOLYMER OF ISOTACTIC POLYPROPYLENE AND A SECONDARY
POLYMER

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ABSTRACT

A hot melt adhesive composition is based on an isotactic polypropylene random copolymer (RCP). The composition contains about 4%-50% by weight of the RCP copolymer, about 20%-65% by weight of a compatible tackifier, about 0%-40% by weight of a plasticizer, about 0%-3% by weight of a stabilizer, about 10 0%-40% by weight of a wax, about 0%-60% by weight of an atactic poly- α -olefin (APAO), and about 0%-40% by weight of a secondary polymer. The adhesive composition may be used in a number of applications such as, for example, in disposable nonwoven hygienic articles, paper converting, flexible packaging, wood working, carton and case sealing, labeling and other assembly applications.